

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<b>Attorney Docket No.</b>	38105.830024.US0
		<b>First Inventor</b>	SUGANTHAN
		<b>Title</b>	PLANAR INVERTED F ANTENNA AND METHOD OF MAKING THE SAME
		<b>Express Mail Label No.</b>	EL946140406US

<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning design patent application contents.</small>		<b>ADDRESS TO:</b>	Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313
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1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original, and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages ]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to the Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings(s) (35 U.S.C. 113) [Total Sheets ]
5. Oath or Declaration [Total Pages ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6.  Application Data Sheet. See 37 CFR 1.76

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

<b>ACCOMPANYING APPLICATION PARTS</b>			
9. <input checked="" type="checkbox"/>	Assignment Papers (cover sheet & document(s))		
10. <input type="checkbox"/>	37 CFR 3.73(b) Statement <i>(when there is an assignee)</i>	<input checked="" type="checkbox"/> Power of Attorney	
11. <input type="checkbox"/>	English Translation Document <i>(if applicable)</i>		
12. <input checked="" type="checkbox"/>	Information Disclosure Statement (IDS)/PTO-1449	<input checked="" type="checkbox"/> Copies of IDS Citations	
13. <input type="checkbox"/>	Preliminary Amendment		
14. <input checked="" type="checkbox"/>	Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>		
15. <input type="checkbox"/>	Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>		
16. <input type="checkbox"/>	Nonpublication Request under 35 U.S.C. 122 <i>(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</i>		
17. <input type="checkbox"/>	Other: Certificate of Mailing by Express Mail No. EL946140406US		

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-part (CIP)    of prior application No.  /

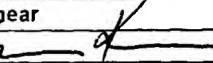
Prior application information: Examiner  Group Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<input type="checkbox"/> Correspondence address below
26582		

Name	Brian Kinnear				
Address	Holland & Hart 555 17 <sup>th</sup> Street, Suite 3200				
City	Denver	State	Colorado	Zip Code	80201
Country	USA	Telephone	303-295-8170	Fax	303-295-8261

Name (Print/Type)	Brian Kinnear	Registration No. (Attorney/Agent)	43,717
Signature		Date	September 22, 2003

This collection of information is required by 37 CFR 1.53 (b). The information is required to obtain or retain a benefit by the public worth is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA, 22313-1450. DO NOT SEND FEES OR COMPLETED FORM TO THIS ADDRESS. SEND TO: MAIL STOP PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1800-PTO-9199 and select option 2

22141 U.S. PTO  
10/667933  
09/22/03

Attorney Docket No. 38105.830024.US0  
Express Mail Label No. EL946140406US  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

SUGANTHAN, et al.

Examiner: not yet assigned

Serial No.

Art Unit: not yet assigned

Filed: HEREWITH

For: PLANAR INVERTED F ANTENNA AND  
METHOD OF MAKING THE SAME

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Sir:

The undersigned hereby certifies that the enclosed

1. Utility Patent Application Transmittal;
2. Specification, Claims and Abstract;
3. Fee Transmittal for FY 2003;
4. Check in the Amount of \$964.00 (\$924.00 for application filing fees and \$40.00 to record the Assignment);
5. Combined Declaration and Power of Attorney;
6. Assignment and Recordation Cover Sheet;
7. Information Disclosure Statement, PTO 1449 Form and Reference;
8. Certificate of Mailing by Express Mail; and
9. Return Card,

relating to the above application, were deposited as "Express Mail," Mailing Label No. EL946140406US with the United States Postal Service, addressed to Mail Stop PATENT APPLICATION Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313, on this September 11, 2003. *0 2 1 0 1 11*

September 21, 2003

*Michele Clark*

## Mailer

September 22, 2003

Mailer  
  
Brian P. Kinnear, Reg. No. 43,717  
555-17th Street, Suite 3200  
Denver, Colorado 80201  
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**FEE TRANSMITTAL  
FOR FY 2003**

Effective 01/01/03. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 C.F.R. 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)**964.00**

<i>Complete if Known</i>	
Application Number	Unknown
Filing Date	Herewith
First Named Inventor	SUGANTHAN
Examiner Name	not yet assigned
Group Art Unit	not yet assigned
Attorney Docket No.	38105.830024.US0

**METHOD OF PAYMENT**

## FEES CALCULATION (continued)

Check  Credit card  Money Order  Non

<input checked="" type="checkbox"/> Deposit Account	
Deposit Account Number	082623
Deposit Account Name	

The Director is authorized to: (Check all that apply)

- Charge fee(s) indicated below       Credit any overpayments
- Charge any additional fee(s) during the pendency of this application
- Charge fee(s) indicated below, except for the filing fee to the above-identified account

## **FEE CALCULATION**

## 1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code (\$)	<u>Fee Description</u>	Fee Paid
1001 750	2001 375	Utility filing fee	\$750.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			(\$750.00)

## 2. EXTRA CLAIM FEES

	Extra Claims		Fee from below		Fee Paid
Total Claims	25	-20** =	5	X	
Independent Claims	4	- 3** =	1	X	
Multiple Dependent				=	174.00

Large Fee Code	Entity Fee (\$)	Small Entity Fee Code (\$)	Fee Description
1202	18	2202 9	Claims in excess of 20
1201	84	2201 42	Independent claims in excess of 3
1203	280	2203 140	Multiple dependent claim, if not paid
1204	84	2204 42	** Reissue independent claims over original patent
1205	18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** **(\$)**174.00

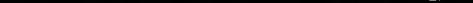
*\*\*or number previously paid, if greater. For Reissues, see above.*

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2520	For filing a request for ex parte reexamination	
1804	920*	1804	920	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1840	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1450	2254	725	Extension for reply within fourth month	
1255	1970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1510	petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1300	2453	650	Petition to revive – unintentional	
1501	1300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
				Submission of Information disclosure Stmt	
1806	180	1806	180	Recording each patent assignment per property (times number of properties)	40.00
8021	40	8021	40	Filing a submission after final rejection (37 CFR § 1.129(a))	
1809	750	2809	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1810	750	2810	375	Request for Continued Examination (RCE)	
1801	750	2801	375	Request for expedited examination of a design application	
1802	900	1802	900		
Other fee (specify) _____					

---

**SUBMITTED BY**

**Complete (if applicable)**

Name (Print/Type)		Brian Kinnear			Registration No. (Attorney/Agent)	43,717	Telephone	303-295-8170
Signature						Date	September 22, 2003	

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorize on PTO-2038.**

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